

NS-1 WATER CONSERVATION PRACTICES

ITD Standards and Specifications for Highway Construction, Section 106 and 205.

Photograph to come.

BMP Objectives

- ☒ Perimeter Control
- ☐ Slope Protection
- ☐ Borrow and Stockpiles
- ☒ Drainage Areas
- ☐ Sediment Trapping
- ☐ Stream Protection
- ☐ Temporary Stabilizing
- ☐ Permanent Stabilizing

Definition and Purpose

Water conservation practices are activities that use water during the construction of a project in a manner that avoids causing erosion and/or the transport of pollutants off site.

Appropriate Applications

- Water conservation practices are implemented on all construction sites and wherever water is used.
- Water conservation practices apply to all construction projects.
- Washing of equipment may be required to reduce the spreading of invasive weeds and other species. Check Special Provisions for requirements.

Limitations

None identified.

Design Parameters

- Keep water equipment in good working condition and repair water leaks promptly.
- Stabilize water truck filling area.
- Minimize or avoid washing of vehicles and equipment on the construction site, if possible.
- Avoid using water to clean construction areas. Do not use water to clean pavement. Paved areas shall be swept and/or vacuumed.
- Report unexpected discharges to the Engineer immediately.

Maintenance and Inspection

Conduct inspections as required by the NPDES permit or contract specifications.